Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 14 May 2023 until 23:59 on Monday 15 May 2023

Forecast Issued on Saturday 13 May 2023 at 14:25

Confidence: High for largely settled conditions during the outlook period. Lower for detail of low cloud extent and for the timing of rain and showers later Sunday and on Monday.

Headline for Sunday 14 May 2023: Low cloud clearing to sunny spells. Cloud building from the northwest during the afternoon with rain arriving through the evening.

Mountain weather hazards on Sunday 14 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Fog	Cloudy	Sunny intervals	Cloudy	Dull	Light rain	Light rain
Precipitation probability							
00%	10%	10%	10%	20%	30%	80%	60%

Forecast for Sunday 14 May 2023

Weather: A dull start, particularly across the eastern Dales. Clearer skies in the west with isolated patches of mist ad fog. Cloud and mist patches will soon clear to bright or sunny spells during the morning. Cloud will then build from the west during the afternoon, turning sunshine increasingly hazy before thickening and lowering into the evening. Chance of a few isolated showers ahead of a more sustained period of rain that arrives from the northwest in the evening.

Chance of cloud-free hill tops above 600m: 10% in the east and 60% in the west initially. Soon improving to above 90%. Lowering from the northwest to 40% through Sunday evening.

Low Cloud and visibility: Widespread low cloud initially with bases around 200-300m and down to very low levels across eastern slopes. Cloud will soon lift above summits and clear. Cloud bases are expected to lower in the evening as rain arrives, with bases of 400-500m for western Dales. Visibility poor or very beneath cloud in early mist or fog patches. Visibility otherwise generally very good, but deteriorating to moderate in and around showers and poor in rain later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 14 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 S	8/13 SW	9/13 SW	12/16 SW	11/17 W	13/19 W	13/18 W	13/21 NW	12/21 NW
300	1/8 SE	1/8 SW	1/8 SE	7/13 SW	8/15 W	8/16 W	8/16 W	10/19 NW	10/22 NW
Valley	3/7 SE	1/6 W	1/6 SW	5/10 SW	5/11 SW	7/14 W	6/14 W	10/21 NW	8/19 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/6	8/6	10/8	10/8	10/7	8/5	6/2	4/-0
300	7/6	5/4	8/7	12/11	13/11	12/11	10/9	8/6	6/3
Valley	8/8	7/6	10/9	13/12	13/12	13/12	11/10	10/8	7/5
Freezing Level*	1700m	1800m	1800m	1900m	1900m	1900m	1900m	1900m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive low cloud will make for challenging navigation during the early hours and through the evening. Becoming unsettled by the evening, with showers and prolonged rain later. Slight chance of wind chill at height overnight.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 12 May 2023	4.2mm	9.8mm	11.4mm

Forecast for Monday 15 May 2023

Weather: Patchy rain clearing the far southeast of the region in the early hours, leaving a widely fine and bright start to the day. Fair weather cloud gradually building with well-scattered showers developing by the afternoon. There is a slight chance that some showers may turn heavy or thundery. Showers fading through the evening with variable cloud amounts overnight. Feeling cool, especially at height, in the fresh northwesterly breeze.

Maximum wind: North to northwest 15-20mph gusting 25-3mph but gradually easing.

Chance of cloud-free hill tops above 600m: 80% or more throughout.

Low Cloud and visibility: Chance of cloud bases around 500m towards the southeast of the Park as the rain band clears in the early hours. Developing cloud may briefly shroud the highest summits late morning before lifting clear. Cloud bases may lower to around 600m in the vicinity of any heavy showers that may develop. Visibility generally very good, but moderate to poor in any showers or heavy showers.

Temperature: **Valleys:** Plus 5 Celsius becoming Plus 14 Celsius.
At 600m: Plus 2 Celsius rising to Plus 8 Celsius.
Freezing level: Above the summits.

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